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**BIOTECHNOLOGY
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RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 08/961,443
Art Unit / Team No.: 1632
Date Processed by STIC: 6/23/98

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

PAGE: 1

*Archmuck, D
Martin*
**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/961,443**DATE: 06/23/98
TIME: 10:54:37**INPUT SET: S26868.raw**

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

SEQUENCE LISTING**Does Not Comply
Corrected Diskette Needed****1 (1) General Information****2 (i) APPLICANT: Townes, Tim M.
3 Ryan, Thomas
4 Ciavatta, Dominic****5 (ii) TITLE OF THE INVENTION: TRANSGENIC ANIMALS THAT PRODUCE
6 HUMAN HEMOGLOBIN****7 (iii) NUMBER OF SEQUENCES: 19****8 (iv) CORRESPONDENCE ADDRESS:
9 (A) ADDRESSEE: Clark & Elbing LLP
10 (B) STREET: 176 Federal Street
11 (C) CITY: Boston
12 (D) STATE: MA
13 (E) COUNTRY: USA
14 (F) ZIP: 02110****15 (v) COMPUTER READABLE FORM:
16 (A) MEDIUM TYPE: Diskette
17 (B) COMPUTER: IBM Compatible
18 (C) OPERATING SYSTEM: MS-DOS (Windows95)
19 (D) SOFTWARE: FastSEQ for Windows Version 2.0****20 (vi) CURRENT APPLICATION DATA:
21 (A) APPLICATION NUMBER:
22 (B) FILING DATE: 30 OCT 1997****23 (vii) PRIOR APPLICATION DATA:
24 (A) APPLICATION NUMBER: 08/934,385
25 (B) FILING DATE: 9 SEP 1997****26 (A) APPLICATION NUMBER: 08/888,433
27 (B) FILING DATE: 7 JUL 1997****28 (A) APPLICATION NUMBER: 08/611,542
29 (B) FILING DATE: 6 MAR 1996****30 (viii) ATTORNEY/AGENT INFORMATION:
31 (A) NAME: Elbing, Karen L.
32 (B) REGISTRATION NUMBER: 35,238
33 (C) REFERENCE/DOCKET NUMBER: 04005/013003**

**RAW SEQUENCE LISTING
PATENT APPLICATION US/08/961,443**

DATE: 06/23/98
TIME: 10:54:39

INPUT SET: S26868.raw

ERRORED SEQUENCES FOLLOW:

262 (2) INFORMATION FOR SEQ ID NO:16:
263
264 (i) SEQUENCE CHARACTERISTICS:
265 (A) LENGTH: 7 amino acids *4 short*
266 (B) TYPE: amino acid
267 (C) STRANDEDNESS: single
268 (D) TOPOLOGY: linear
269
270 (ii) MOLECULE TYPE: peptide
271 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:16:
272
273 Met Val His Leu
274 1
275

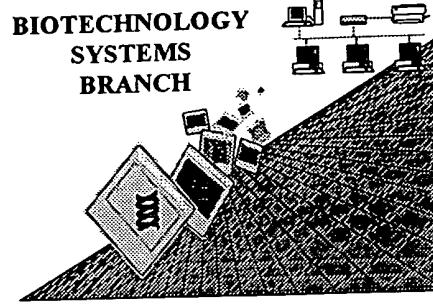
PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/961,443

DATE: 06/23/98
TIME: 10:54:40

INPUT SET: S26868.raw

Line	Error	Original Text
265	Entered (7) and Calc. Seq. Length (4) differ	(A) LENGTH: 7 amino acids



Notice of Availability of Checker Program

Applicant Aid for Biotechnology Computer Readable Form (CRF) Sequence Listing Submissions

The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (Sequence Rules: 37CRF 1.821 through 1.825). Final rules were published in the *Federal Register* (55 FR18230) on May 1, 1990, and in the PTO *Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.

Checker is a DOS-based software program that is intended to assist users in determining whether errors may be present in the sequence listings, and is not intended to guarantee that the submission is error-free.

The most current version of the software is available via computer downloading, details are below. Copies on diskette are also available. Updated software versions will not be automatically mailed out; any updates will be announced in the PTO *Official Gazette*.

The software can be accessed/requested from the following locations:

- 1) Dial-up access through the Internet. Location is <ftp://ftp.uspto.gov>
The software is in current directory: pub/checker/
Download all the files. Cost: Free-of-charge
- 3) For diskette copies, mail to: U.S.P.T.O., OEIP, CRYSTAL PARK 3, SUITE 441
WASHINGTON DC 20231

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For Further Information, Contact: **Arti Shah at 703-308-4212**